Contribution ID: **29** Type: **Parallel talk**

Charmed baryon physics at BESIII

Wednesday, 5 July 2023 14:00 (25 minutes)

BESIII has collected 4.5 fbˆ-1 of e+e- collision data between 4.6 and 4.7 GeV. This unique data offers ideal opportunities to study Lambda_c+ decays. We will report the partial wave analysis of Lambda_c+ -> Lambda pi+ pi0 and the observations of Cabibbo-suppressed Decays Lambda_c+ decays, including Λ+c ⟶ nπ+ etc. In addition, we will report the form factor measurement in Lambda_c+ -> Lambda e+ nu and Lambda mu+ nu, the observation of Lambda_c+->p K-e+nu, and the improved measurement of Lambda_c+->Xe+nu.

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